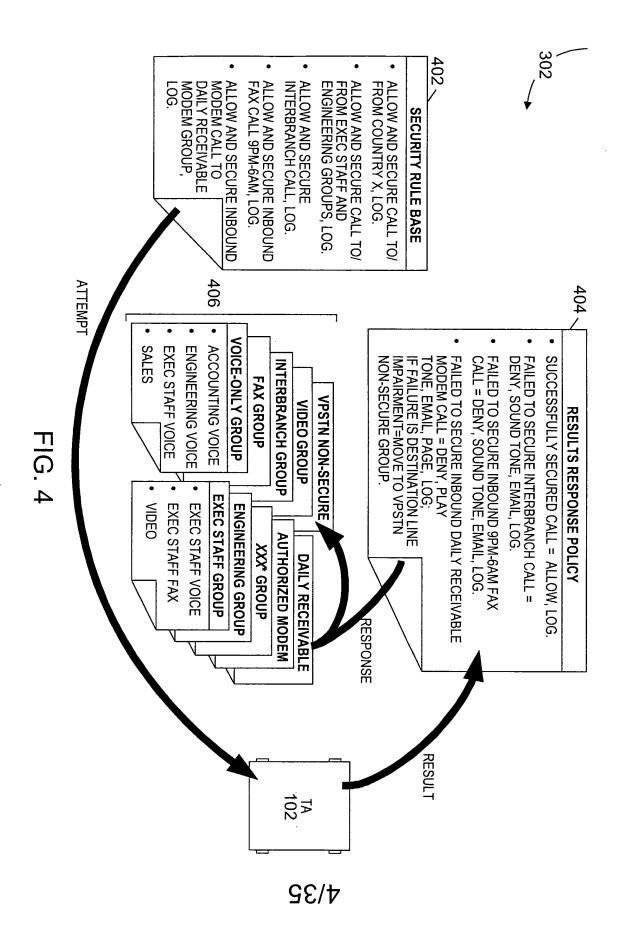


FIG. 3



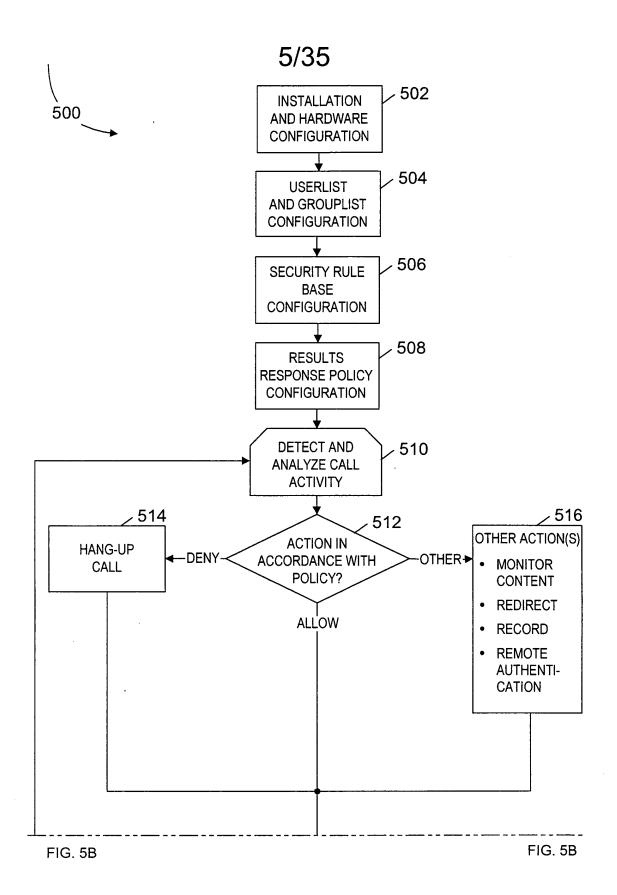


FIG. 5A

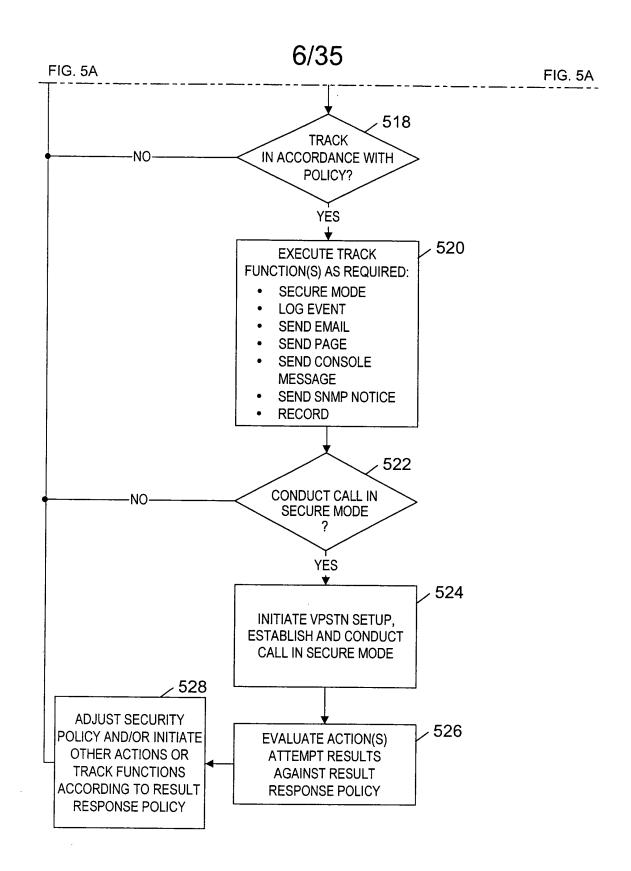


FIG. 5B

EXTENSION GROUPS	ELEMENTS	COMMENT
	210-402-6701	
ACCOUNTING VOICE	210-402-6702	ACCOUNTING VOICE EXTENSIONS
	210-402-6703	
DAILY RECEIVABLE	210-402-8000	MODEM EXTENSIONS USED ONLY
MODEM	210-402-8001	FOR INBOUND CALLS UPLOADING
WODEW	210-402-8002	DAILY RECEIPT INFORMATION
VIDEO	210-402-9000	VTC EXTENSION
ENGINEERING VOICE	210-402-66XX	ENGINEERING VOICE EXTENSIONS
ENGINEERING MODEM	210-402-8004	APPROVED ENGINEERING DEPT.
ENGINEERING MODEM	210-402-8005	MODEM EXTENSIONS
ENGINEERING FAX	210-402-7001	FAX EXTENSIONS USED BY THE
ENGINEERING FAX	210-402-7002	ENGINEERING DEPT.
	ENGINEERING VOICE	ALL KNOWN AND APPROVED VOICE,
CNICINICEDINIC	ENGINEERING FAX	FAX, MODEM, AND VTC EXTENSIONS
ENGINEERING	ENGINEERING MODEM	USED BY THE ENGINEERING DEPT.
	VIDEO	USED BY THE ENGINEERING DEPT.
	210-402-6501	
SALES	210-402-6502	SALES VOICE EXTENSIONS
	210-402-6503	
	210-402-6801	
EXEC STAFF VOICE	210-402-6802	ADMINISTRATION VOICE EXTENSIONS
	210-402-6803	
	240 402 7002	FAX EXTENSIONS USED BY EXEC
EXEC STAFF FAX	210-402-7003	STAFF ONLY
	EXEC STAFF VOICE	ALL KNOWN AND APPROVED VOICE,
EXEC STAFF	EXEC STAFF FAX	FAX, AND VTC EXTENSIONS USED BY
	VIDEO	THE EXEC STAFF
	SALES	
VOICE ONLY	ENGINEERING VOICE	ALL VOICE-ONLY EXTENSIONS IN THE
VOICE-ONLY	EXEC STAFF VOICE	SAN ANTONIO FACILITY
	ACCOUNTING VOICE	
	210-402-7000	
	210-402-7004	ALL FAY ONLY EVENICIONS IN THE
FAX-ONLY	210-402-7005	ALL FAX-ONLY EXTENSIONS IN THE
	ENGINEERING FAX	SAN ANTONIO FACILITY
	EXEC STAFF FAX	

FIG. 6B

FIG. 6A FIG. 6A

11G. 0A	<del> </del>	FIG. 0A	
AUTHORIZED MODEM	DAILY RECEIVABLE MODEM ENGINEERING MODEM 210-402-8006 210-402-8007 210-402-8008	KNOWN AND APPROVED MODEM EXTENSIONS	
BRANCH OFFICES VOICE- ONLY	(ELEMENTS NOT SHOWN)	VOICE-ONLY EXTENSIONS AT BRANCH OFFICES	
BRANCH OFFICES AUTHORIZED MODEM	(ELEMENTS NOT SHOWN)	APPROVED MODEM EXTENSIONS AT BRANCH OFFICES	
BRANCH OFFICES FAX-ONLY	(ELEMENTS NOT SHOWN)	FAX EXTENSIONS AT BRANCH OFFICES	
BRANCH OFFICES VIDEO	(ELEMENTS NOT SHOWN)	VTC EXTENSIONS AT BRANCH OFFICES	
-	BRANCH OFFICES VOICE-ONLY		
INTER-BRANCH	BRANCH OFFICES AUTH. MODEM	ALL KNOWN AND APPROVED VOICE, FAX, MODEM, AND VTC EXTENSIONS	
INTER-BIOAROTT	BRANCH OFFICES FAX-ONLY	USED BY THE BRANCH OFFICES	
	BRANCH OFFICES VIDEO		
VPSTN NON-SECURE	210-402-8003	FAILED VPSTN EXTENSIONS AND LINES-DENY FUTURE CALLS	
XXX*	XXX*	ANY CALL TO/FROM COUNTRY X BASED ON COUNTRY CODE	

FIG. 6B

402 ¥

			>	V 2 U	П				
Ì									FIG. 7B
ALL	ANY	ANY	SECURE MODE, LOG	ALLOW	VOICE, FAX, MODEM, VTC ALLOW	XXX *	ANY	OUTBOUND	<b>ე</b>
SAN	ALLOWS AND SECURES  SAN INBOUND MODEM CALL TO  DAILY RECEIVABLE GROUP  LOGS CALL	ANY	SECURE MODE, LOG	ALLOW	MODEM	DAILY RECEIVABLE	ANY	INBOUND	4
ALL	9PM- 6AM	ANY	SECURE MODE, LOG	ALLOW	FAX	FAX-ONLY	ANY	INBOUND	ω
ALL	ANY	ANA	EMAIL, PAGE, LOG	DENY	ANY	VPSTN NON- SECURE	ANY	INBOUND	2
ALL	ANY	ANY	EMAIL, PAGE, LOG	DENY	ANY	ANY	VPSTN NON- SECURE	OUTBOUND	
INSTALL ON		DATE TIME	TRACK	ACTION	CALL TYPE	DESTINATION	SOURCE	DIRECTION	SRB RULE

G. 7A

r	T	1	T	<del></del>
10	9	∞	7	6
ANY	INBOUND	OUTBOUND	ANY	INBOUND
ANY	ANY	EXEC STAFF, ENGINEERING	INTER- BRANCH	XXX *
ANY	EXEC STAFF, VOICE, FAX, ENGINEERING MODEM, VTC	ANY	INTER- BRANCH	ANY
ANY	VOICE, FAX, MODEM, VTC	VOICE, FAX, MODEM, VTC	VOICE, FAX, MODEM, VTC	VOICE, FAX, MODEM, VTC ALLOW
DENY	ALLOW	ALLOW	ALLOW	ALLOW
EMAIL, LOG	SECURE MODE, LOG	SECURE MODE, LOG	SECURE MODE, LOG	SECURE MODE, LOG
ANY	ANY	ANY	ANY	ANY
ANY	ANY	ANY	ANY	ANY
ALL	ALL	ALL	ALL	ALL
CATCH, DENY, ALERT, AND LOG ALL OTHER CALLS	ALLOWS AND SECURES CALL TO EXEC STAFF AND ENG. GROUPS, LOGS CALL	ALLOWS AND SECURES CALL FROM EXEC STAFF AND ENG. GROUPS, LOGS CALL	ALLOWS AND SECURES INTER-BRANCH CALL, LOGS CALL	ALLOWS AND SECURES CALL FROM COUNTRY X, LOGS CALL
	00/	$\mathbf{O}$		1

-IG. 7B

FIG. 7/

10/32

FIG. 8B	   	ယ	Ν.		_	7	RRP RULE
88		×	RECEIV- ABLE	DAILY	ONLY	FAX-	CURREN E T GROUP
	YTC		^- MODEM		3		N CALL P TYPE
	MODE	SECURE	MODE	) 	MODE	SECURE	АТТЕМРТ
	FAILED	SUCCESS	FAILED	SUCCESS	FAILED	SUCCESS	RESULT
工	DENY	ALLOW	DENY	ALLOW	DENY	ALLOW	ACTION
FIG. 8A	MESSAGE, EMAIL, LOG	TONE, LOG	TONE, EMAIL, PAGE, LOG	LOG	TONE, EMAIL, LOG	L06	TRACK
		S S	YES	NO	NO	NO	ADJUST POLICY ?
		N/A	VPSTN NON- SECURE	N/A	N/A	N/A	ADJUST POLICY MOVE TO
	ALL		ALL			2	INSTALL ON
FIG. 8B	FAILED TO SECURE VOICE/VTC CALL, CALL DENIED	SUCCESSFULLY SECURED VOICE/VTC CALL, CALL ALLOWED	FAILED TO SECURE INBOUND MODEM CALL, CALL DENIED, EXTENSION MOVED AND SECURITY POLICY ADJUSTED	SUCCESSFULLY SECURED INBOUND MODEM CALL, CALL ALLOWED	FAILED TO SECURE INBOUND FAX CALL, CALL DENIED	SUCCESSFULLY SECURED INBOUND FAX CALL, CALL ALLOWED	COMMENT
w	! !		<u> </u>	CC/11			<u> </u>

98/11

FIG. 8B

FIG. 8C

FIG. 8C

1				
,	٥		<b>∞</b>	
	ANY	ENGI- NEERING	EXEC STAFF,	
	ANY	ļ	FAX,	
2	ANY	MODE	SECURE	
FAILED	SUCCESS	FAILED	SUCCESS	
CEIVI			AL OW	
בואואור, בטט	DENIV EMAII 100	TONE, LOG	LOG	
NO		NO		
NA	N/A		N/A	
ALL	<b>^</b>	Ì	<u> </u>	
AND LOGGED	ALL OTHER CALLS DENIED	FAILED TO SECURE FAXIMODEM CALL, CALL ALLOWED WITH TONE	SUCCESSFULLY SECURED FAX/MODEM CALL, CALL ALLOWED	

FIG. 8B

FIG. 8B

		1
	SRB RULE	
ANV	DIRECT	

ALLOWS AND SECURES CALL, WHEN POSSIBLE	ALL	ANY ANY		ALLOW MODE, LOG	ALLOW	ANY	ANY	ANY	YNY
COMMENT	C DATE TIME INSTALL ON	TIME	DATE	TRACK	ACTION	CALL TYPE	DESTINATION CALL TYPE ACTION TRACK	SOURCE	ECTION

FIG. 8D

FAILED TO SECURE CALL, CALL ALLOWED	F	N/A	NO	ALLOW TONE, LOG	ALLOW	FAILED	MODE	2	2	_
SUCCESSFULLY SECURED CALL, CALL ALLOWED	<u> </u>	N/A	ON	D07	ALLOW	SUCCESS	SECURE	A NIV	ANV	٠.
COMMENT	INSTALL ON	MOVE TO	ADJUST POLICY ?	TRACK	ACTION	RESULT	ATTEMPT	CALL TYPE	CURRENT	RRP

FIG. 8E

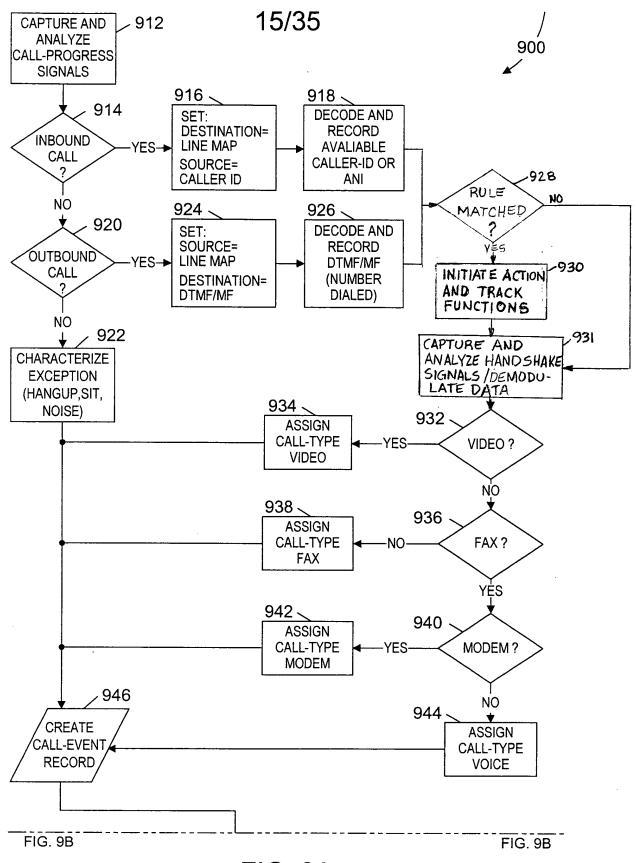
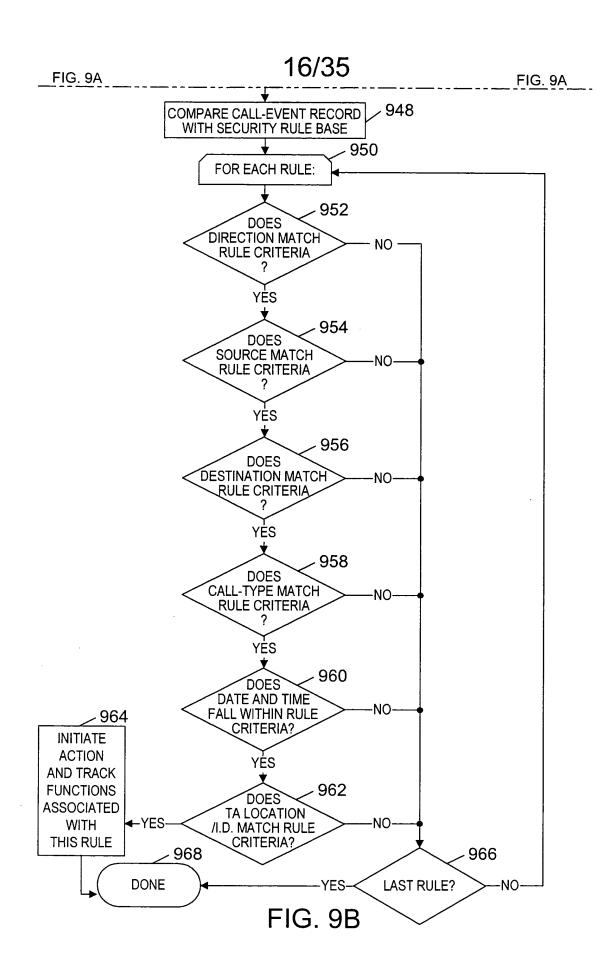


FIG. 9A



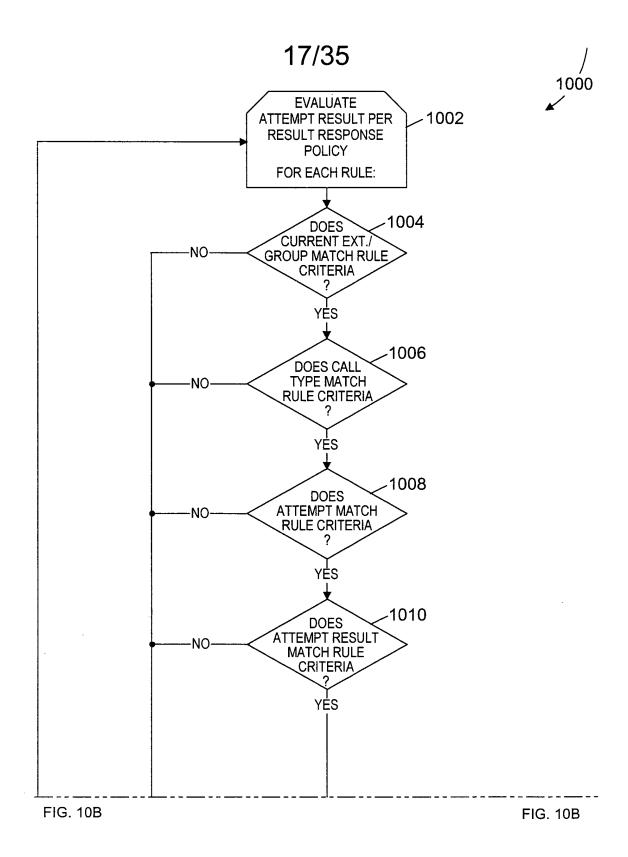


FIG. 10A

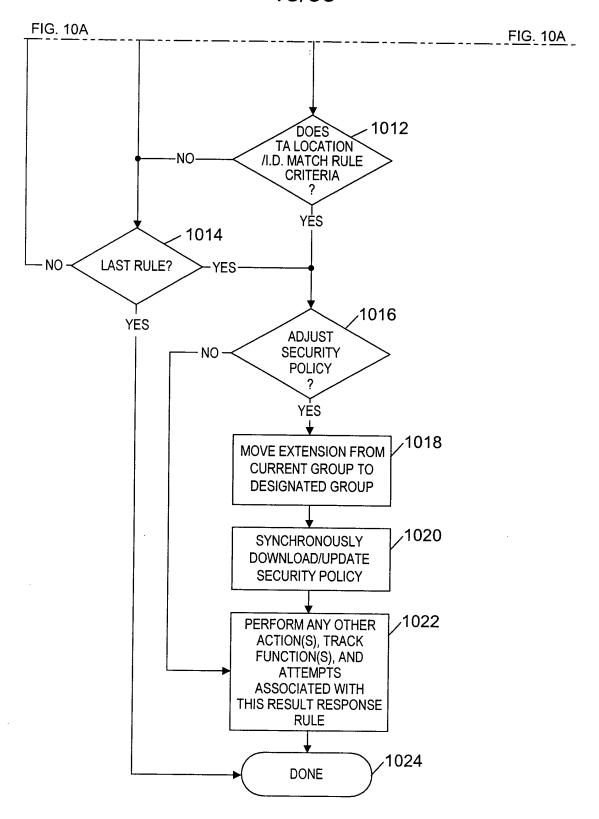


FIG. 10B

1152 1150 1154 CONTROL SECURED MEDIA CHANNEL CHANNEL 0 3 4 5 2 6 LSB MSB FIG. 11A 1162 CONTROL 1166 1164 DISCARDED SECURED MEDIA CHANNEL e/1160 2 3 4 5 0 1 6 LSB MSB FIG. 11 B 1176 1174 1172 CONTROL CHANNEL DISCARDED SECURED MEDIA CHANNEL 5 3 0 2 LSB MSB F1G. 11C

600 SHEERS THEER STOWNESS SOURCE TO SHEERS THE STOWNESS SOUNCE TO SHEER SHEENS THE STOWNESS SOUNCE TO SHEER SHEER SHEENS SOUNCE TO SHEER SHEER SHEER SOUNCE TO SHEER SHE

13.782 4.2.381 4.2.382 4.2.382 4.2.392 SAY SHEETS ATTEMPT & SOUTHING TO SOUTHING THE SAY SHEETS ATTEMPT & SOUTHING TO SOUTHING TO

A National "Brand

SYNC/MESSA	GE	1188		Th -1/=-
STATUS WOR	0 1	190	1	PACKET
17	1	192		HEADER 1182
PAYLOA	<b>AD</b>	1194		SECURED MEDIA 1184

FIG. 11 D

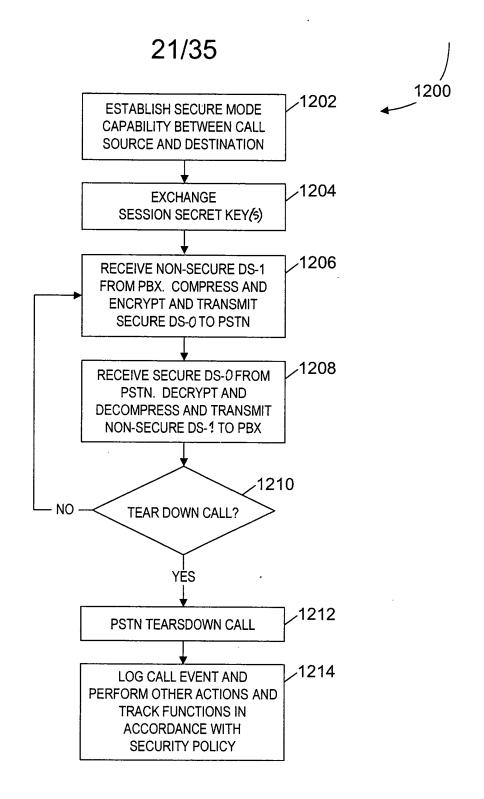
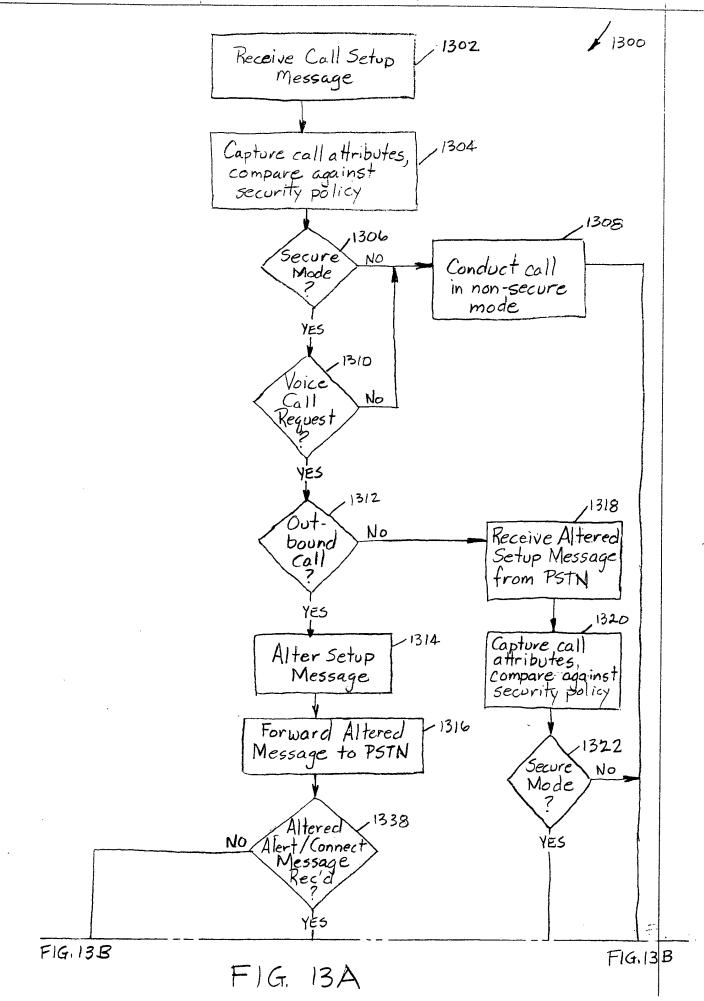
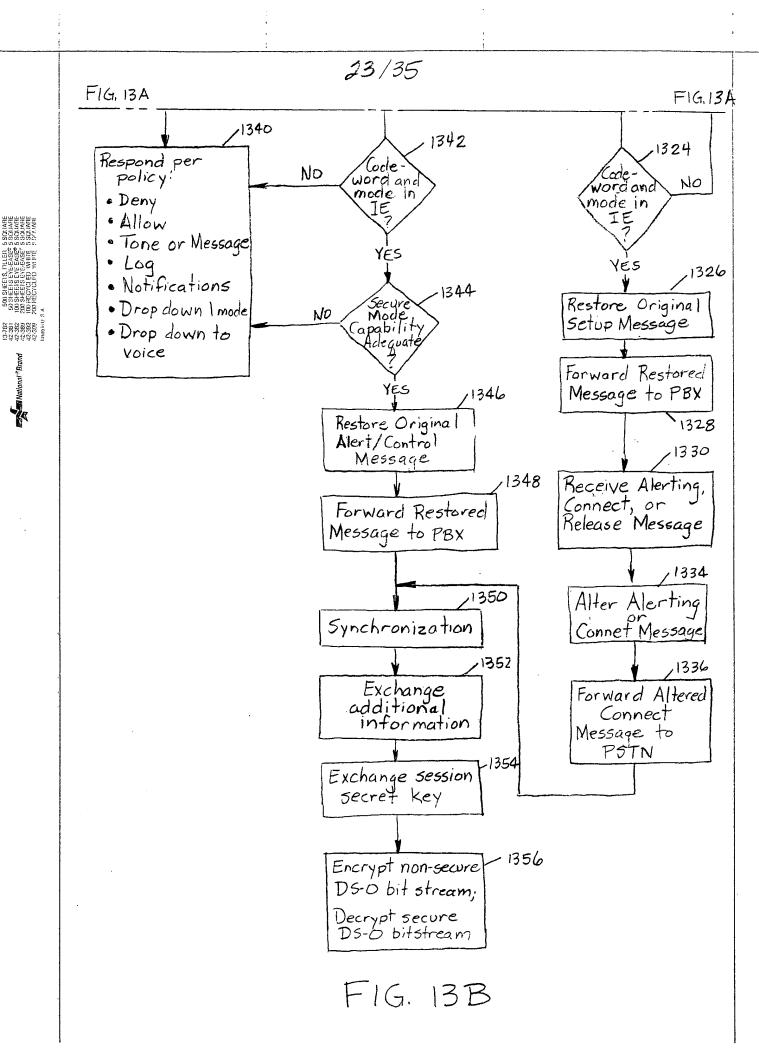


FIG. 12





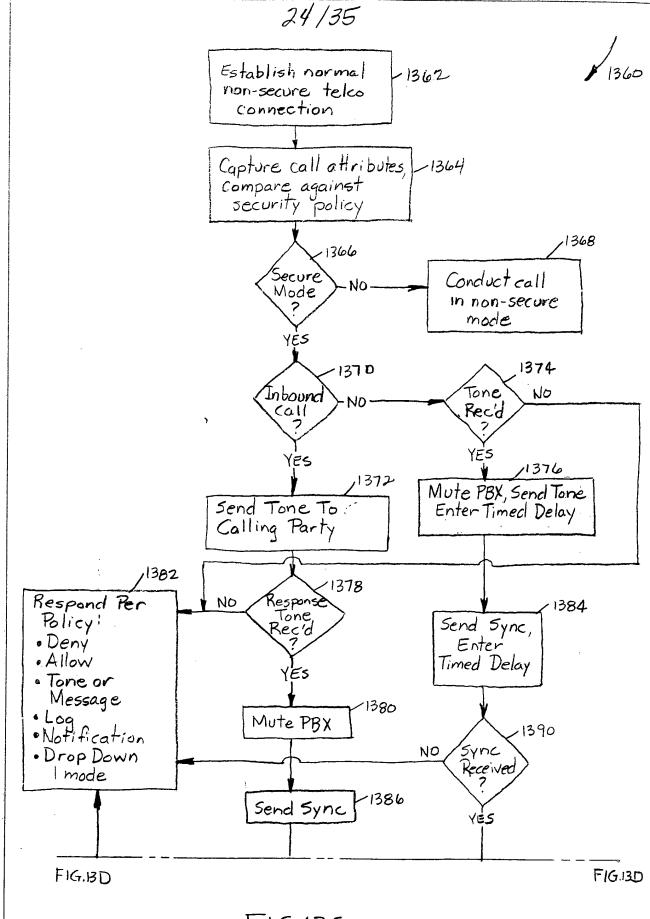
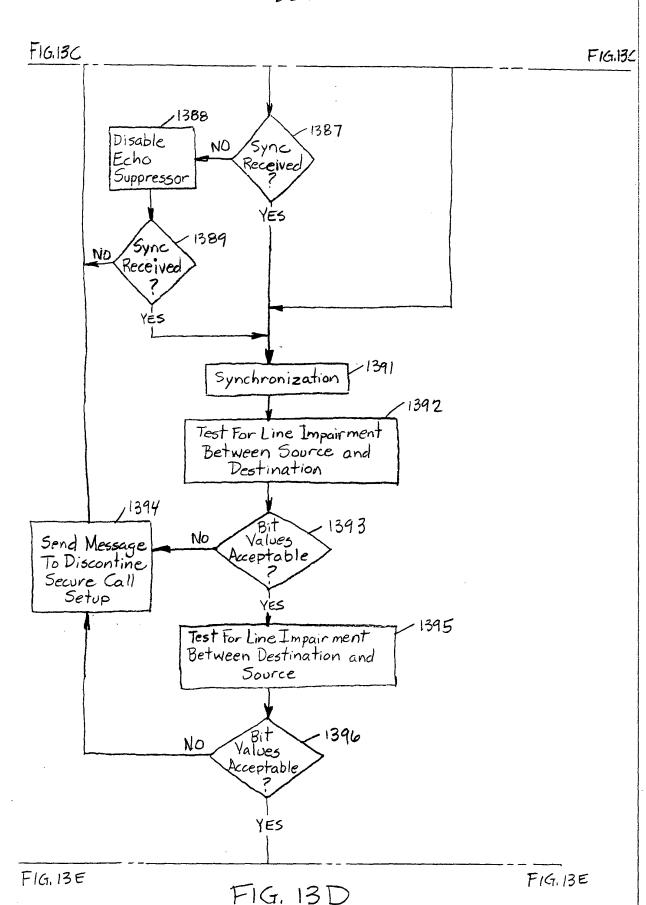


FIG.13C





lational <sup>o</sup>Brand

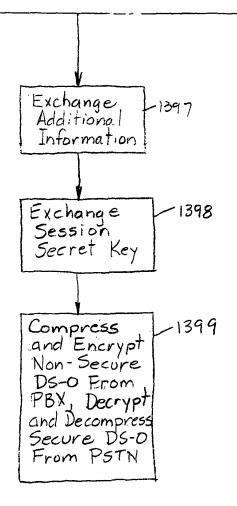
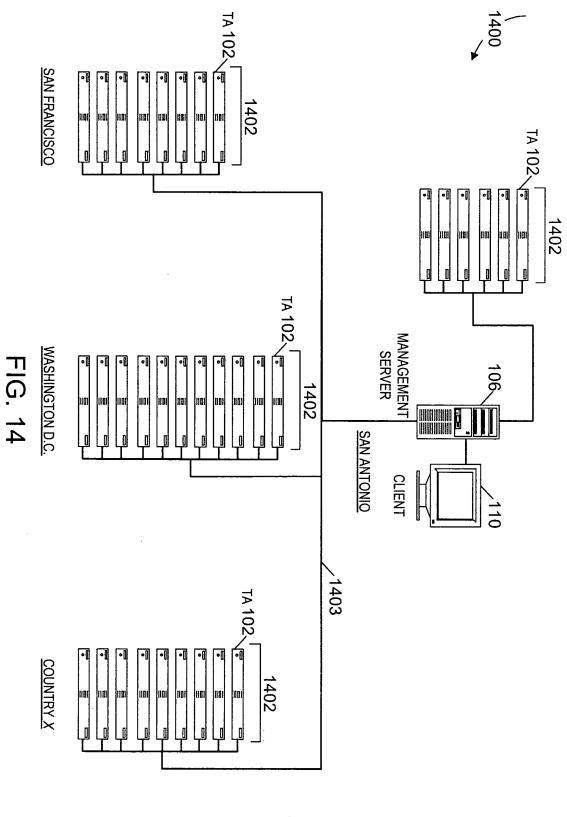
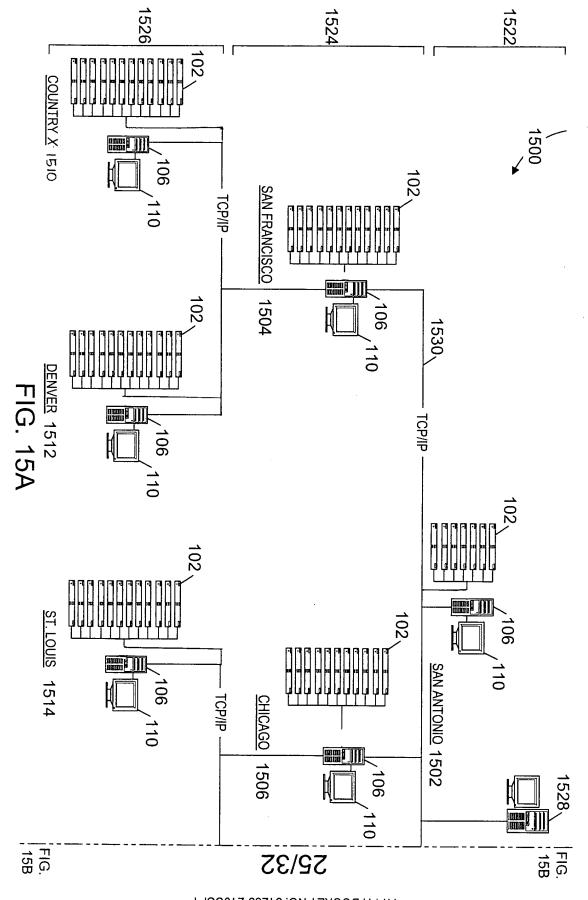


FIG. 13E



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## ENCAPSULATION, COMPRESSION AND ENCRYPTION OF PCM DATA ATTY. DOCKET NO. 51263-210USPT ATTY. DOCKET NO. 51263-210USPT



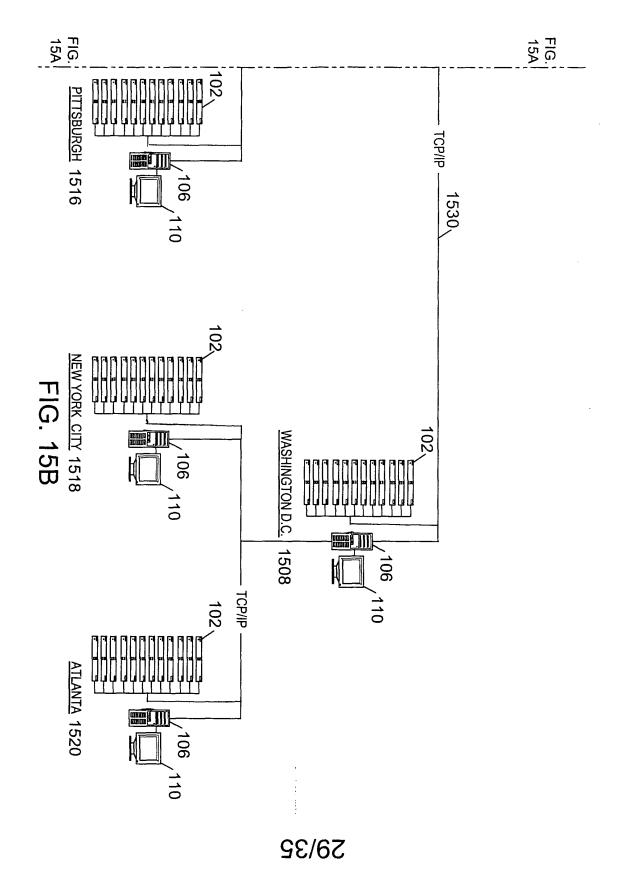
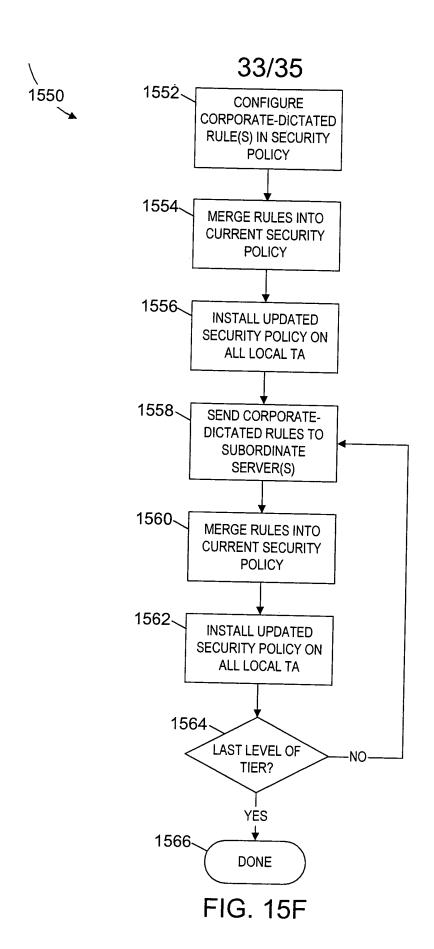


FIG. 15D			T	™ ∾
O	ω	2		FR
	F	æ	₽.	CLASS
	INBOUND	INBOUND	OUTBOUND	SRB CLASS DIRECTION
	ANY	ANY	VPSTN NON- SECURE	SOURCE
	FAX-ONLY	VPSTN NON- SECURE	ANY	DESTINA-TION
FIG. 15C	FAX	ANY	ANY	CALL TYPE
150	ALLOW	DENY	DENY	ACTION
	SECURE MODE, LOG	ROUTE, EMAIL(F), PAGE(F), LOG	ROUTE, EMAIL(F), PAGE(F), LOG	TRACK
	ANY	ANY	ANY	DATE
	9PM- 6AM	ANY	ANY	TIME
1	SAN ANTONIO	ALL	ALL	DATE TIME INSTALL
FIG. 15D	ALLOWS AND SECURES INBOUND CALL TO FAX-ONLY GROUP BETWEEN 9PM AND 6AM, LOGS CALL, NO ROUTING UPWARD	DENYS INBOUND CALL TO EXTENSION OR LINE FOUND TO BE NON-SECURE, ROUTES LOG UPWARD	DENYS OUTBOUND CALL FROM EXTENSION OR LINE FOUND TO BE NON- SECURE, ROUTES LOG UPWARD	COMMENT

FIG.					FIG.
FIG. 15E	7	6	Ω	4	FIG. 15C
	 	Z)	ZJ	F	
	INBOUND		OUTBOUND	INBOUND	
	INTER- BRANCH	XXX *	ANY	ANY	
	INTER- BRANCH	ANY	XXX *	DAILY RECEIVABLE	
<u> </u> 	VOICE, FAX, MODEM, VTC	VOICE, FAX, MODEM, VTC	VOICE, FAX, MODEM, VTC	MODEM	<u></u>
 	ALLOW	ALLOW	ALLOW	ALLOW	-
 	SECURE MODE, LOG	SECURE MODE, LOG	SECURE MODE, LOG	SECURE MODE, LOG	
  -  -	ANY	ANY	ANY	ANY	<u> </u>
	ANY	ANY	ANY	ANY	1
	ALL	ALL	ALL	SAN	<u> </u>
FIG. 15E	ALLOWS AND SECURES INTERBRANCH CALL, LOGS CALL, NO ROUTING UPWARD	ALLOWS AND SECURES CALL FROM COUNTRY X, LOGS CALL, NO ROUTING UPWARD	ALLOWS AND SECURES CALL TO COUNTRY X, LOGS CALL, NO ROUTING UPWARD	ALLOWS AND SECURES INBOUND SAN MODEM CALL TO DAILY RECEIVABLE GROUP, LOGS CALL, NO ROUTING UPWARD	FIG.
15E		32	/ <b>L</b> E	-	FIG. 15C

FIG. 15D

	0. 10.												
F	CATCH, DENY, ALERT, AND LOG ALL OTHER CALLS, ROUTES LOG	ALL	ANY	ANY	ROUTE, EMAIL(F), LOG	DENY	ANY	ANY	ANY	ANY	ZD	10	
SE	ALLOWS AND SECURES CALL TO EXEC STAFF AND ENG. GROUPS, LOGS CALL, NO ROUTING · UPWARD	ALL	ANY	ANY	SECURE MODE, LOG	ALLOW	VOICE, FAX, MODEM, VTC	EXEC STAFF, FAX, AI ENGINEERING MODEM, VTC	ANY	INBOUND	0	9	
	ALLOWS AND SECURES CALL FROM EXEC STAFF AND ENG. GROUPS, LOGS CALL, NO ROUTING UPWARD	ALL	ANY	ANY	SECURE MODE, LOG	ALLOW	VOICE, FAX, MODEM, VTC	ANY	EXEC STAFF, ENGINEERING	OUTBOUND	0	ω	
יט ו	FIG. 15D	-    - 							<del> </del>	T	]		<u> </u>



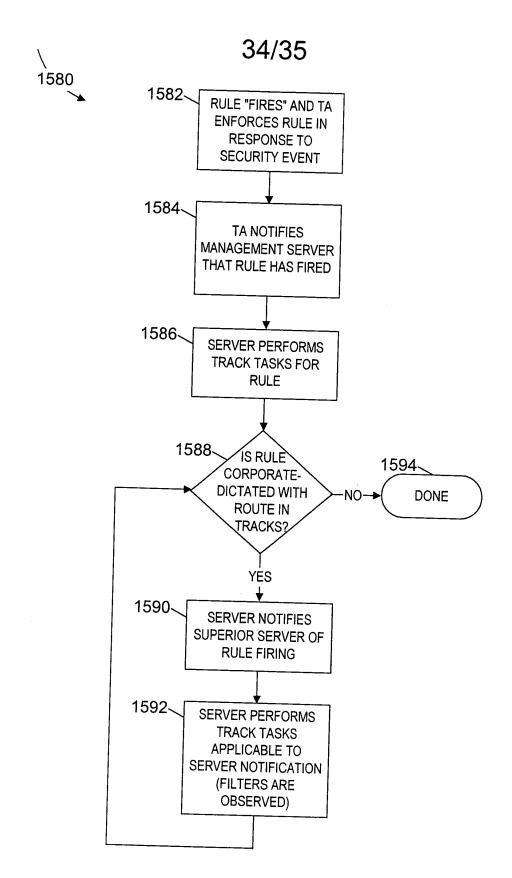
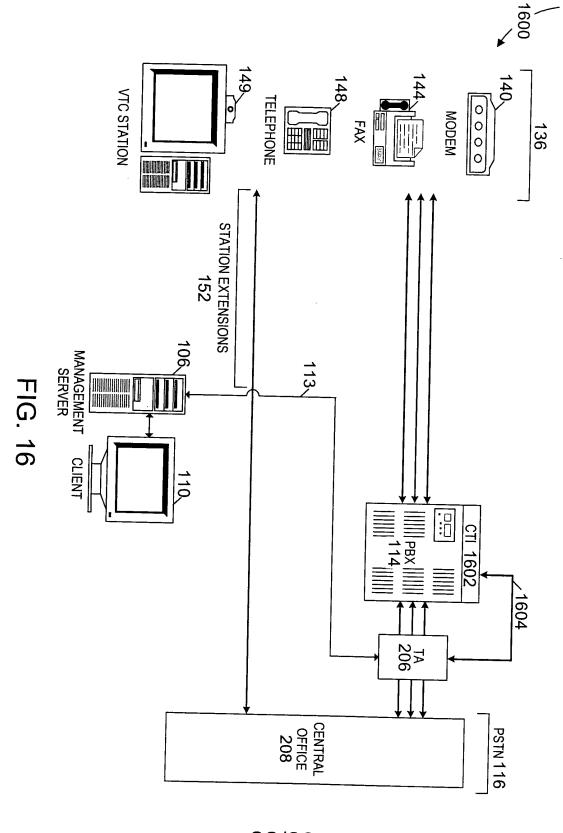


FIG. 15G



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